

# S1 Electrical Enclosure

# IP-505030

**STEEL | SINGLE DOOR | IP66**

**500H x 500W x 300D**

**IP Enclosures S1 Range of steel electrical enclosures are suitable for general industrial applications.**

**Protection:** Complies with IP66 IK10, NEMA 4  
(Independent accredited test laboratory)

**Standard:** IEC62208, IEC/EN/AS60529, RoHS  
(IEC/EN/AS61439 Compliant)



**Material:**

- Body: 1.2mm galvanised steel sheet
- Gland Plate: 1.5mm galvanised steel sheet
- Door: 1.5mm galvanised steel sheet
- Device Mounting Plate: 1.5mm galvanised steel sheet
- Seal: Polyurethane. UL listed.

**Body:** The robust monoblock body is fabricated using 1.2mm galvanised steel sheet. Flat face sealing surfaces are provided to increase seal life. Pre-fitted blind nutserts are incorporated to accommodate mounts and accessory fasteners to eliminate drilling and retain IP rating. Integral device plate mounts and M6 earth studs are provided.

**Single Door:** The robust surface mounted door is fabricated using 1.5mm galvanised steel sheet and incorporates concealed removable hinges with captive pins. The door is designed for a 110° opening. Each door contains cable management rails, an M6 earth stud a high quality machine-applied foamed in place (FIP) Polyurethane seal. Two internal cable management rails can be removed to provide additional space for equipment, duct and door mounted control components.

**Seal:** A high quality machine-applied full perimeter UL listed Polyurethane seal foamed in place (FIP) provides excellent sealing over a long life. Temperature resistance -40°C to 80°C (160°C short term loading).

**Lock:** Chrome 5mm double bit insert quarter turn lock with key.

**Device Mounting Plate:** The device mounting plate is fabricated using 1.5mm galvanised steel sheet, pressed to provide additional strength and supplied pre-fitted into enclosure as standard.

**Gland Plate:** Gland plates are incorporated into the bottom face of the enclosure for cable management. They are provided with gaskets and fasteners.

**Surface Treatment:** UL approved epoxy polyester powder-coated with a textured finish. 80-120 micron average thickness. Colour RAL7035.

